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W.U. RECORD

Webster To Be Main Speaker At Founders Day

William H. Webster, director of the Federal Bureau of Investigation (FBI), will be the principal speaker at the WU Founders Day celebration Sat., Oct. 14, which will mark the 125th Anniversary of the University's founding.

The banquet will begin at 6:30 p.m. with cocktails, followed at 7:30 p.m. by dinner



William H. Webster

in the Grand Ballroom of Stouffer's Riverfront Towers. Dancing will commence after Webster's address and the awards presentations. The affair is sponsored by the WU Alumni Board of Governors.

Michael Newmark, chairman of the Alumni Board of Governors, will preside over the evening's program, which has been arranged by Judith Meador, Alumni Board of Governors vice chairman for programs. Chancellor Wil-

liam H. Danforth will welcome alumni and guests.

Honorary Grand Marshall for the event will be Thomas H. Eliot, who was Chancellor of WU from 1962 to 1971.

Receiving honors at the banquet will be four alumni and four faculty members. Alumni to be cited for their professional accomplishments and community service are: Florence S. Cromwell (BSOT '49), professional consultant in occupational therapy; A. T. Cummins (UC '24), retired partner, Price Waterhouse and Co.; George Matsumoto (BArch '44); and Dr. Frederick C. Reynolds, (LA '31 and MD '34), professor emeritus of orthopedic surgery, WU School of Medicine.

Faculty members being honored for their intellectual imagination, dedication and commitment to education are: C. William Emory, professor of marketing, School of Business and Public Administration; Bernetta M. Jackson, associate professor of English and education, College of Arts and Sciences; Dr. William E. Koch, Jr., professor emeritus of oral diagnosis and radiology, WU School of Dental Medicine; and William M. Sale, professor of classics, College of Arts and Sciences.

Chancellor Danforth will also confer an honorary doctor of laws degree upon Webster and an honorary doctor of science degree upon Sir Peter B. Medawar, 1960 Nobel Laureate in Physiology or Medicine and head of the Division of Surgical Sciences at the Medical Research Council, Middlesex, England.

Webster was named director of the FBI early this year. He served as Eighth U.S. Cir-

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Four Nobel Laureates To Attend Biomedical Symposium Oct. 16-17

Four Nobel Laureates will be among the seven internationally renowned scientists who will participate in WU's "125th Anniversary Biomedical Symposium," to be held in the University's Edison Theatre on Mon., Oct. 16, from 1 to 5:30 p.m. and Tues., Oct. 17, from 1:30 to 5 p.m.

The participants in the symposium will be:

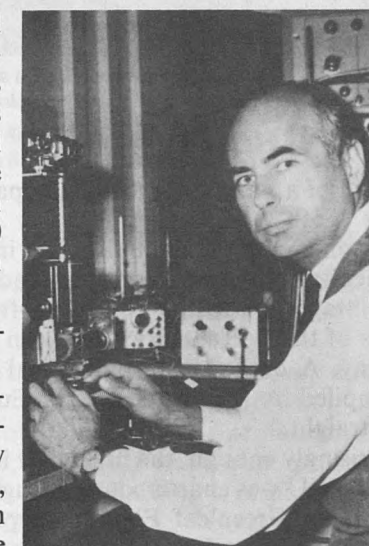
Andrew F. Huxley, professor and head of the Department of Physiology, University College, London, England, whose major research is in neurophysiology and the mechanism of muscle contraction. Huxley shared the Nobel Prize for Physiology or Medicine in 1963 with Sir Alan Hodgkin for their elucidation of the nature of nerve impulses;

Har Gobind Khorana, research professor in the Departments of Biology and Chemistry, Massachusetts Institute of Technology, Cambridge, Mass., whose major research area is molecular biology. Khorana won the Nobel Prize for Physiology or Medicine in 1968 for his work on the structure and synthesis of DNA;

Sir Peter B. Medawar, head of the Division of Surgical Sciences, Medical Research Council, Middlesex, England, and professor of experimental medicine at the Royal Institution, London, whose major research area is immunology.



Sir Peter B. Medawar



Andrew F. Huxley

Medawar won the Nobel Prize for Physiology or Medicine in 1960 for his discovery of immune-competence;

George E. Palade, director of the Division of Cell Biology, Yale University, New Haven, Conn. Palade pioneered the study of cell biology for which he won the Nobel Prize for Physiology or Medicine in 1974;

Walter F. Bodmer, professor of genetics, University of Oxford, Oxford, England. Bodmer, whose major research area is genetics, has written on the controversy over the alleged connection between race and IQ and is interested in the

(continued on page 2)



WU's former observatory at 18th and St. Charles streets was constructed in 1878.

In The Beginning . . .

Second of a series of vignettes prepared in commemoration of WU's 125th Anniversary.

It is sometimes thought that the interest and expertise of WU's faculty in planetary sciences and outer space is of fairly recent vintage. Quite the contrary—from the beginning, key members of the WU faculty have been devoted to the study of astronomy. A diary, or chronological fact book on this subject, compiled by the late Professor Eugene Stephens, sets the record straight.

Surprisingly enough, the first entry is dated 1857—only four years after WU was chartered. At inauguration ceremonies that year, William Greenleaf Eliot, then president of the University, announced that James E. Yeatman (who was to become a board member a year later) had purchased a \$1500 "superior telescope" for the University.

In 1861, a new college building was completed on the corner of Washington Ave. and 17th St., and a tower was erected on its roof to house the Yeatman telescope, a six-inch equatorial instrument. A fourth story was later added, according to Alexander Langsdorf's history of the University, and the telescope was subsequently moved to a new observatory building, a small structure at ground level located at the northeast corner of 18th and St. Charles streets.

It was there that young Henry S. Pritchett, assistant professor of mathematics and astronomy, began his scientific research in 1881.

Only 24 at the time, Pritchett's trajectory was straight up, and a year later he was promoted to the rank of professor. His facilities were most unpretentious. Pritchett's observatory, which had cost \$700, was afterwards described by President Eliot as "a little building of brick 16 feet in diameter that looked like a bake-oven with a revolving top." Pritchett himself referred to it as "a little shanty."

But, as Langsdorf observed, notwithstanding its appearance and scarcity of proper equipment, "this little observatory was the stepping stone from which he (Pritchett) mounted in 1897 to the presidency of the Massachusetts Institute of Technology (MIT) and then in 1906 to the presidency of the Carnegie Foundation for the Advancement of Teaching."

Long before moving East, however, Pritchett, collaborating with a colleague, Edmund A. Engler, had brought national acclaim to WU. Only about a year after arriving on campus, Pritchett reported that his "make-shift" observatory had become "the center of the largest time service of the world." Of this accomplishment, Langsdorf (an eminent engineer himself) wrote: "Siderial time, determined every night by observations of the stars, was converted into mean solar time; the standard clock, mounted in the basement of the College building, then

transmitted accurate time signals over a network of some 50,000 miles of telegraph wire that ultimately reached hundreds of towns in Missouri, Iowa, Kansas, Illinois, Texas and Arkansas, and many places in Indiana, Ohio, Kentucky, Tennessee, Louisiana, Mississippi, and Mexico, and on the south to New Orleans.

"By 1883, railroad men came to recognize St. Louis as the time center of the Mississippi Valley. In December, 1882 the service included the automatic dropping of a time ball, precisely at ten o'clock on the central tower of the World's Fair held that year in New Orleans."

Pritchett also provided geodetic service, which, according to Langsdorf, "although less spectacular was of even greater importance than the time service . . . Pritchett probably made more determinations of longitude than at any other single station in the United States and perhaps the world."

Nonetheless, however, Pritchett, somehow found time for teaching and Langsdorf reported that the courses of instruction that he conducted "were the most extensive given at that time in any American institution."

(Dorothy Brockhoff)

Biomedical

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social implications of genetic engineering;

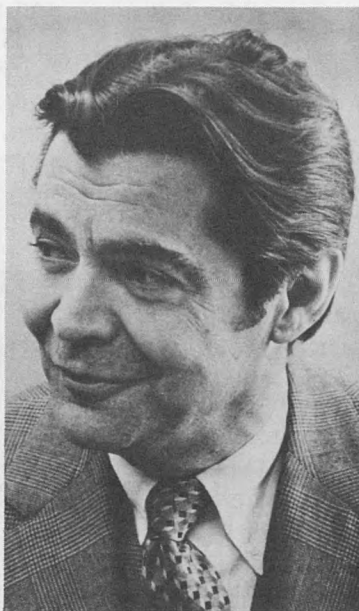
Andrew A. Benson, professor of biology, Scripps Institution of Oceanography, University of California at San Diego, whose major research areas are plant biology and ecology;

James W. Black, director of the Therapeutic Research Division, Wellcome Research Laboratories, Beckenham, Kent, England, whose major research area is pharmacology.

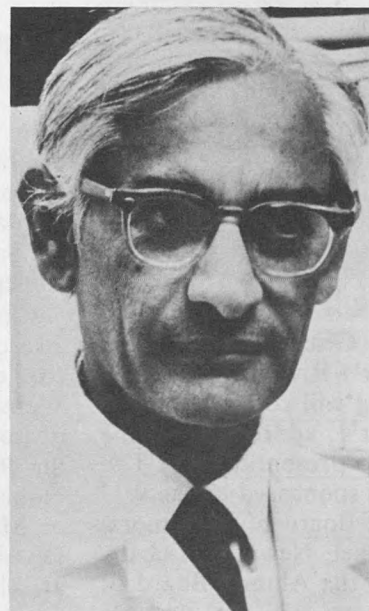
Each of the seven scientists will speak on a major area of research in the biomedical sciences. The symposium is being sponsored by WU's School of Medicine and the University's Division of Biology and Biomedical Sciences.

The division includes the Biology Department on the Hilltop Campus of the University and the Departments of Anatomy and Neurobiology, Biological Chemistry, Genetics, Microbiology and Immunology, Pathology, Pharmacology and Physiology and Biophysics at the University's School of Medicine.

With each scientist representing a particular discipline in biomedicine and speaking on his major research area, the lectures during the symposium collectively will provide an overview of the important recent research in biomedicine.



George E. Palade



Har Gobind Khorana

BECAUSE OF A DISTRIBUTION MISHAP, a number of employees did not receive the September 21st

issue of the *WU Record*, which contained the 125th Anniversary Calendar. For a copy, call Ext. 5254 or 5267.

HEW Official To Deliver Youngdahl Talk

Arabella Martinez, assistant secretary for Human Development Services, U.S. Department of Health, Education and Welfare (HEW), will be the featured speaker at an assembly honoring WU's 125th Anniversary.

She will deliver the Benjamin E. Youngdahl Lecture on "Social Services for Today and Tomorrow," Thurs., Oct. 12, at 7 p.m. in Steinberg Hall Auditorium. There will be a reception in Brown Hall Lounge immediately after her address. Her speech is sponsored by the George Warren Brown School of Social Work and its Alumni Association.

The highest-ranking social worker in the Carter administration, Martinez is considered an expert on the needs and problems of America's disadvantaged population.

She has had a wide range of experience in the field of social work—as caseworker, community organizer, political organizer, administrator of community development organizations, and consultant in the field of human services.

As assistant secretary for Human Development Services, she heads an OHDS staff of 2000 and administers a budget of \$5 billion. Martinez is responsible for human services programs designed to meet the problems of specific



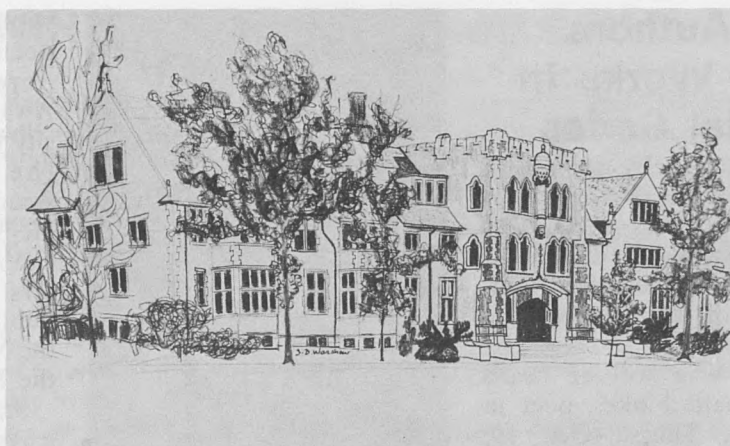
Arabella Martinez

groups, such as children from low-income families, abused and neglected children, run-away youth, handicapped persons, elderly citizens and native Americans.

Martinez helped revitalize a dying community (Oakland, Calif.) while serving as executive director of the Spanish-Speaking University Council there, a post she assumed in 1969. By the time she resigned in 1974, this organization was sponsoring a comprehensive employment training and placement program and a summer youth program, was managing a 61-unit FHA low- and moderate-income rental housing project, and had started a minority savings and loan association which now houses an array of public and private social service agencies serving Oakland.

The Benjamin E. Youngdahl Lecture is given annually to honor the memory of Youngdahl, dean of the George Warren Brown School of Social Work from 1945 until his retirement in 1962. Youngdahl achieved national recognition in the field of social work and during his career was an outspoken advocate of civil liberties. Youngdahl died September 1970.

THE BIOMEDICAL COMPUTER LABORATORY is offering a free, non-credit introductory training course in computer programming using the MUMPS computer system. This computer language is especially well suited for medical information systems and other textual and data base applications. Prior knowledge of MUMPS or another higher-level computer programming language is required. Students are provided study notes and are given access to a computer for exercises. This course is open to all members of the Medical Center and University community. The course will be held October 17 to November 21, Tuesdays and Thursdays, from 4 to 5:30 p.m. in the BCL Classroom, 700 South Euclid Avenue. For more information call BCL, Robert H. Greenfield, 454-3364, prior to October 11.



A drawing of the Women's Building by Julie Doctor Warshaw, which is included in a new cookbook being put out by the WU Woman's Club. Reprinted with permission of the artist.

What's Cookin' in the Halls of Ivy? Woman's Club Book Tells All

Beginner cooks, as well as those aspiring to be gourmet chefs, should find the new cookbook published by the Woman's Club of WU their "special dish." Entitled *Cooking By Degrees II*, this new 250-page, 400-recipe book, edited by Marcia M. Bernstein (Mrs. Neil N.), is illustrated with sketches of 30 WU buildings, including six drawn by one of the club's members, Julie Doctor Warshaw (Mrs. Peter). Accompanying copy, giving a mini-history of each structure pictured, was researched and written by club members Jean L. Davis (Mrs. James W.) and Rena Schechter (Mrs. Samuel E.). The layout is the work of Barbara Rawson Huetting, BFA '75.

Bearing the familiar Brookings Hall imprint on its cover, the book sells for \$6.95 plus a dollar for postage and handling. Those on campus can save the extra "greenback" by specifying that the book be sent to their box number at WU. Checks payable to the Woman's Club of WU should accompany each order. Also include the number of copies wanted, the appropriate payment, name and address with zip code.

Please address all book orders to Mrs. Harold L. Rosenthal, 7541 Teasdale Ave., St. Louis, Mo. 63130. The book should be available by late October, but allow extra time for delivery because of the vagaries of publishing and the expected crunch of orders.

Family recipes of many of the club's 300 members, including the favorites of numerous wives of trustees and the spouses of several former chancellors, are part of the carefully prepared cookbook. Its table of contents includes 22 categories beginning with "Helpful Hints" and ending with suggestions about unusual "Menus." There's even a special section on the metric system for those who choose to measure their ingredients by the kilo instead of the cup.

This cookbook is the second time around for the Woman's Club, composed of the wives of faculty members, together with female faculty and administrators. In 1961, on the occasion of the club's golden anniversary, this group issued a special cookbook. Now, in honor of the University's 125th Anniversary, the Woman's Club has chosen to commemorate it with a completely new cookbook which contains no "warmed up leftovers" from the '61 effort, but fresh and specific directions for whipping up delicious concoctions such as a perfect souffle or a fluffy omelet.

Below is a mouth watering sample of the book's contents — Margarita Pie, favorite recipe of Priscilla McDonnell, wife of Trustee S. N. McDonnell.

- ¾ cup of pretzel crumbs finely crushed; reserve two tablespoons for topping
- 3 tablespoons of sugar
- 5 tablespoons melted butter
- ¼ cup tequila

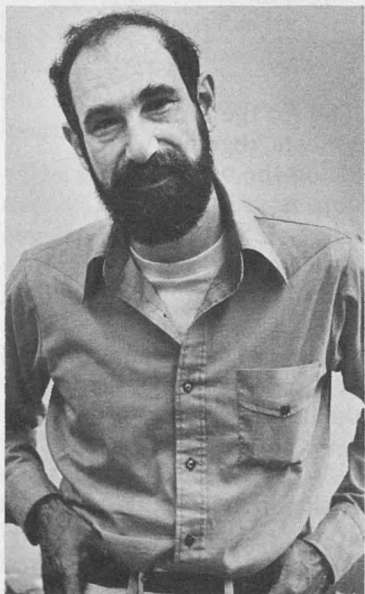
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Five Authors Read Works In Special Series

Five nationally prominent writers on the WU campus will give a series of readings during October and November honoring the 125th Anniversary of the University's founding.

Those who will be heard are: Donald Finkel, poet in residence, Thurs., Oct. 19; William Gass, professor of philosophy, Tues., Oct. 24; Howard Nemerov, Mallinckrodt Distinguished University Professor, Thurs., Oct. 31; Stanley Elkin, professor of English, Tues., Nov. 7; and John Morris, professor of English, Tues., Nov. 14. All events will take place at 8 p.m. in the Women's Building Lounge except for the Morris reading, which will be held in Hurst Lounge, Duncker Hall.

Finkel, evaluated by *Saturday Review* critic Robert Pack, "as one of the finest American poets writing today," will have a double volume, *Going Under* and *Endurance*, coming out this fall published by Atheneum, New York City. He is working on a sequence of poems on interspecies communication. He is the author of seven books of poetry: *The Clothing's New Emperor*, *Simeon*, *A Joyful Noise*, *Answer Back*, *The Garbage Wars*, *Adequate Earth* and *A Mote in Heaven's Eye*. In 1974, Finkel won the \$3000 Theodore Roethke Memorial Foundation Award for his



Donald Finkel



William Gass

book of poetry *Adequate Earth*.

Gass will read "Mad Meg," a section from his novel, *The Tunnel*, which he is currently writing. Richard Gilman has called Gass's novel *Omensetter's Luck* "the most important work of fiction by an American in this literary generation." He is also collaborating with Peter Eisenman, head of the Institute of Architecture and Urban Studies in New York City, on a new work, *The House of VI Book* to be published next spring by Oxford. According to Gass, "it is concerned with the relationship between language and architecture." His area of interest is aesthetic theory.

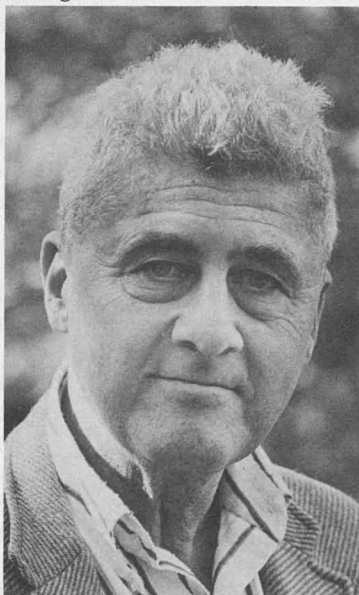
Gass published *Omensetter's Luck* in 1966, a gathering of short stories, *In the Heart of the Heart of the Country*, and an experimental novella, *Willie Masters' Lonely Wife*, both in 1968. A collection of essays, *Fiction and the Figures of Life*, appeared in 1971 and *On Being Blue* in 1976. His *The World in the Word* was published this year.

Howard Nemerov, Mallinckrodt Distinguished University Professor, will read from poems (as yet untitled) which he wrote last summer. In an essay on Nemerov a few years ago, Peter Meinke called him "a major American writer, and certainly one of the best poets writing today."

Nemerov has published nine books of verse as well as an equal number of novels, stories and essays. He is the

winner of several prizes in poetry, including the Theodore Roethke Memorial Award, a Brandeis University Creative Arts Award and the Fellowship of the Academy of American Poets. He is a member of the American Academy of Arts and Letters. His *Collected Poems*, published in 1977, won both the National Book Award and the Pulitzer Prize in Poetry.

Stanley Elkin, currently on leave, will read a section, "The State of the Art," from his book to be published this spring by Dutton called *The Conventional Wisdom*. The author of four novels, *Boswell*, *A Bad Man*, *The Dick Gibson Show* and *The Franchiser*, he has also published a collection of short stories, *Criers and Kibitzers*, *Kibitzers and Criers*, and a book of novellas, *Searches and Seizures*. He is currently working on a new novel, *George Mills*.



Howard Nemerov

John N. Morris, currently on leave with a Guggenheim Fellowship, was out of town as the *Record* went to press. He is the author of two books of poems, *Green Business* and *The Life Beside This One*, and of a critical study, *Versions of the Self; Studies in English Autobiography*. He is a contributor to *The New Yorker*, the *New Republic* and *Sewanee Review*.

FRANK W. MILLER, James Carr Professor of Criminal Jurisprudence in the WU School of Law, has been elected to the American Law Institute. The institute, mainly composed of lawyers and judges, implements measures related to law reform and law restatement.

Founders Day

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cuit Court of Appeals Judge from 1973 to 1978 and as U.S. District Court Judge for the Eastern District of Missouri from 1970 to 1973. Previously, he was a member of the Missouri Board of Law Examiners, U.S. Attorney for the Eastern Division of Missouri and in private practice.

A 1949 graduate of the WU School of Law, Webster has participated in WU affairs for many years. Since 1974, he has been a member of the University's Board of Trustees, serving on the Educational Policy and Honorary Degree Committees. He was also chairman of the committee that formulated the University's current "Policy on Academic Freedom, Responsibility and Tenure." Webster has served as president of both the WU Alumni Federation and the WU Law Alumni Federation. In 1972, he was awarded the WU Alumni Citation for contributions to the field of law, and in 1977, the WU Law Alumni Association's Distinguished Alumni Award. Webster obtained a bachelor of arts degree from Amherst College in 1947.

Major fields of study and teaching for Professor Emory have been management and business research methods. Formerly director of research for the WU Graduate School of Business, Emory became academic director of undergraduate programs at the School of Business this year. Emory is an author of a number of books, including *Essentials of Marketing Management*. His most recent book is *Business Research Methods*, published in 1976.

A member of the WU faculty since 1955, Professor Jackson was recently appointed director of the Department of English's Freshman Composition Program.

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Homecoming at WU in the 1950's.

Homecoming Returns to WU

Not all the celebrations taking place on campus during October will be observances of tradition. Homecoming, complete with football game, pep rally, floats and parties, may be the initiation, or the reinitiation of a tradition. This year's homecoming will be the first held at WU in four years.

Opening a week of activities leading to the football confrontation between the WU Battling Bears and the Wabash College Little Giants, will be the annual Red Rose Cotillion, Sat., Oct. 7, in Holmes Lounge. The affair begins at 9:30 p.m. and attire ranges from formal to eclectic. The Wally Masters Orchestra will play dance music and greets from the past. Admission is \$1 at the door.

On Thurs., Oct. 12, a spirit-raising party will be held at the Umrathskeller beginning at 8 p.m. The party is strictly bring yourself.

Continuing the momentum of pregame excitement will be a bonfire and pep rally, sponsored by the WU cheerleaders, Fri., Oct. 13, at Utz Field (baseball diamond). The cheering, as well as the incineration of an effigy of some hapless Wabash opponent, begins at 8:30 p.m.

Preceding the game on Sat., Oct. 14, a parade of floats built by Greek organizations and South-40 residents will snake its way from

the South-40 to Fraternity Row beginning at 11 a.m. At noon, a picnic, sponsored by the Food Service, will be held at Utz Field. Meal cards or cash will be accepted for this pregame fete.

Seeking to revenge a narrow Wabash victory last year, the Battling Bears will meet the Little Giants, last year's second place NCAA Division III finalist, at 1:30 p.m. on Francis Field. Short a first team All-American quarterback this year, Wabash will find it rough against the Bears.

Half-time highlights will include a float competition and performances by the 70-member South-40 kazoo band and the WU Band.

Directly following the

(continued in column 3)



NIH Head To Give Scott Lecture

Dr. Donald S. Fredrickson, director, National Institutes of Health, U.S. Department of Health, Education, and Welfare, will deliver the seventh annual Wendell G. Scott Lecture at WU's Mallinckrodt Institute of Radiology.

The internationally known scientist and administrator will speak on "Minding the Biomedical Continuum" at 4 p.m. Tues., Oct. 10, in Scarpellino Auditorium, 510 S. Kingshighway.

Dr. Fredrickson's research interests in lipoprotein metabolism, medical genetics and studies on the cause and prevention of arteriosclerosis are reflected in more than 200 published articles in these scientific areas.

Dr. Fredrickson has served as director of the National Institutes of Health since 1975. His previous important administrative positions include the director of the National Heart Institute, director of Intramural Research at the National Heart and Lung Institute and president of the Institute of Medicine.

The Wendell G. Scott Memorial Lecture was established by friends and colleagues of the late Dr. Scott as a memorial to his excellence and leadership at WU and in radiology and medicine.

Founders Day

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In addition to teaching composition at WU, Jackson has conducted a number of summer workshops in composition and drama for St. Louis area teachers. She is also the author of *English Composition and Introduction to Literature*, and coauthor of *English Composition*.

Dr. Koch graduated from the WU School of Dentistry in 1934 and has been a member of its faculty since that time. Named professor of oral diagnosis and dental radiology in 1960, Dr. Koch recently retired as that department's chairman after 18 years of service. In 1966, the WU Dental Alumni Association awarded Dr. Koch their Distinguished Alumnus Award. He is also a past president of that organization.

Professor Sale joined the WU faculty as an instructor in 1958 and attained the rank of professor in 1975. A specialist in Greek and Latin literature and language at WU, Sale currently is studying Greek religion, language and tragedy, existentialism and Romantic English poetry. He recently published a book entitled *Existentialism and Euripides*.

Tickets for the banquet are \$12.50 per person. For reservations or more information, call 889-5219.

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game, open house will be held at a number of fraternity houses along the row and in sorority rooms in the Women's Building. In the evening, a dance, featuring "Midnight Pass," will be held in Wohl Center cafeteria lines C and D at 9 p.m. There is no charge for the dance.

Among the sponsors of homecoming activities are the InterFraternity Council, the Women's Panhellenic Association, the Office of Student Activities, the WU Cheerleaders, the Battling Bears and the Congress of the South-40.

Law Professor Uses Students In Trial Film

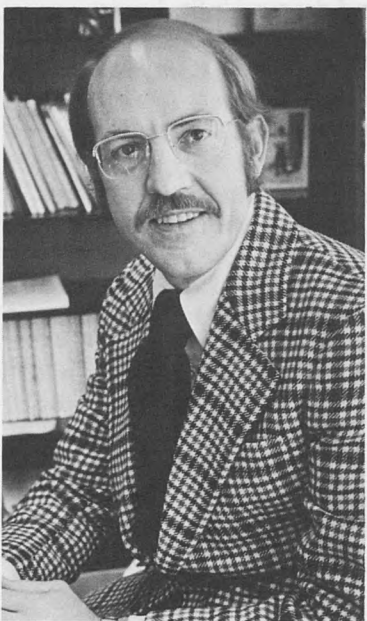
Ronald L. Carlson, professor of law at WU, wrote, acted and produced a movie this summer.

Carlson used WU law students to be in the movie, which depicts an actual trial.

"I had a director who helped me very much," Carlson said. I had seen a documentary by director Kevin Elliot and asked him to be our director."

Carlson wanted to make an interesting movie, not the dull lecture-type film that generally is shown to bar associations and other legal groups. "We even have a little humor in it," he said. "We hope it will be a trendsetter for future legal films."

Carlson hopes that the film will help enhance the School of Law's reputation nationally.



Ronald L. Carlson

His books, *Cases and Materials on Evidence* (written with Mason Ladd, dean emeritus of the Iowa and Florida state law schools) and *Criminal Justice Procedure for Police*, have been praised by reviewers and used as texts by numerous law schools.

Carlson is now involved in research in another expanding area on the legal horizon. He is part of a small group of lawyers who are attempting to use the computer to make research easier.

"The idea is that the student can press a button and ask the computer for the answer," Carlson said. "I'm excited about the prospects of this happening."

Prior to his appointment at WU in 1973, Carlson was associate dean and professor at the University of Iowa College of Law. He received the J.D. degree from Northwestern Law School and the L.L.M. degree from the Georgetown University Law Center.

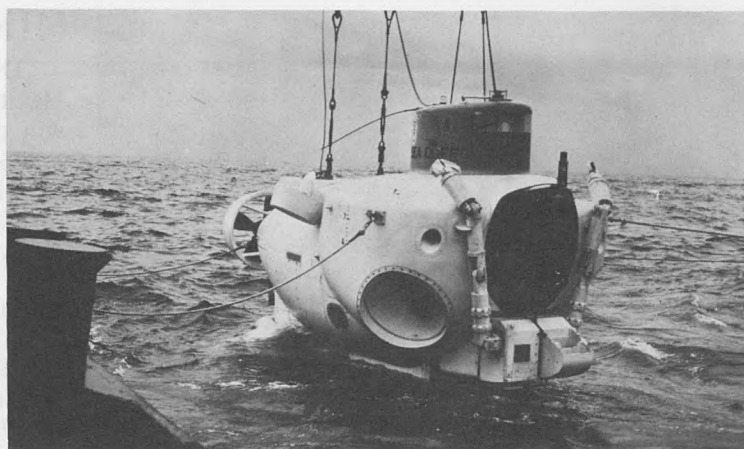
At Georgetown, Carlson was a member of the first class of legal interns in trial advocacy. After a period of law practice and service as U.S. Commissioner, he joined the faculty at Iowa. He did not, however, completely give up legal representation in cases involving significant legal questions and has appeared before the U.S. Supreme Court since that time.

Another project Carlson has been pursuing for that purpose is giving lectures at legal institutes and at seminars where lawyers appear. "Lawyers who know our law school have a very high opinion of it," Carlson said. "We have to do more 'visibility development'—a phrase that means bringing the name of the law school before the public. The areas where the law school is not known are the Southwest and Far West."

Carlson organized the trial skills and advocacy skills sessions at the legal institute held at the WU School of Law this summer. He is one of the country's experts on evidence and criminal justice problems.

(King McElroy)

LAST MAY, the *St. Louis Globe-Democrat* published an in-depth feature on the history of WU. The feature, complete with historical photographs as well as contemporary scenes, was written by staff writer Mary Kimbrough. A limited number of these features are available to students and faculty on a first-come basis. A copy can be obtained from the Information Office located in the basement of the Alumni House.



A Navy research vessel similar to the one in which Professor Rodey Batiza dived 6500 feet into the Pacific.

Earth and Planetary Sciences Opens Facilities For Tours

WU's Department of Earth and Planetary Sciences will sponsor a series of tours and presentations at 3 p.m. on Mondays, Wednesdays and Fridays from October 7 to November 7 as the department's gift to the University on its 125th birthday.

The tours will begin in front of the department's first-floor office in Wilson Hall under the leadership of a graduate student. After each tour of hall exhibits, the tour guide will lead the group to rooms designated for certain demonstrations and exhibits.

At the Space Imagery Laboratory, part of the NASA Regional Space Imagery Center housed by the department, Associate Professor Raymond E. Arvidson, or one of his research assistants, will explain the lab's detailed model of the Viking Mars Lander; a microcomputer that is hooked to a color TV monitor and is used for statistical analysis of data obtained by remote sensing of the planets; and a sophisticated image processing computer that converts spacecraft signals stored on computer tapes into images on black and white and color TV sets. Also part of the lab's demonstration will be a hall display depicting the history of remote sensing of the planets.

In the Neutron Activation Laboratory, Professor Larry A. Haskin, chairman of the department, or one of his research assistants, will explain how a small computer is used to identify the elements in rock samples. This computer detects gamma rays (a particular kind of electromagnetic energy) emitted by rock samples that have been bombarded by neutrons in the Missouri University Research Reactor. When certain elements are bombarded by neutrons, they emit a gamma ray with a unique energy level by which the element can be identified, and the number of gamma rays emitted is proportional to the number of atoms of the element in the sample. The spectra of 15 or so elements identified by this procedure in the lab can be displayed on an oscilloscope and specific certain information printed out by the computer.

Associate Professor Dorothy Echols and Assistant Professor Rodey Batiza sailed earlier this year on Leg 58 and 61 respectively of the *Glomar Challenger*, an oceanographic research vessel that has drilled more than 680 holes in the ocean's bottom over the last 10 years at sites all over the world and has brought up material to help earth scientists reconstruct the geologic history of the ocean floor. Their display will depict the process of deep sea drilling with sketches of the layers of rock in the ocean floor, samples of ocean sediment and pieces of lava shaped like pillows, which Batiza recovered when he dived 6500 feet into the Pacific Ocean last spring in the Navy's Deep Sea Research Vessel *Turtle*. Photographs, graphs of the earth's seis-

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Business School Celebrates 125th

The WU School of Business and Public Administration will hold a panel discussion on the future of business, a lecture on finances and an anniversary party, all on Tues., Oct. 24, as part of the University's 125th Anniversary celebration. All of the activities will be in Umrath Lounge.

At 10 a.m. Walter Nord, professor of organizational psychology at the University, will moderate the panel discussion on the topic "Anticipating and Coping with the Future: Business Looks at Tomorrow." The panelists will be George Sloan, director of business environment analysis and forecast at McDonnell-Douglas Corp.; Anna Navarro, corporate social responsibility director, Monsanto Co.; and Robert Boguslaw, professor of sociology at WU.

John W. Bowyer, Jr., professor of finance at the University, will discuss "Personal Financial Guideposts," starting at 2:30 p.m. He will focus on strategies for capital gain.

The 125th Anniversary party will be held from 8 to 11 p.m. and is open to all business students.

CHANCELLOR WILLIAM H. DANFORTH, presided over a panel on "Research Capability," October 3-4, at a conference sponsored by the U.S. Department of Health, Education and Welfare (HEW). The conference, called by Joseph A. Califano, secretary of HEW, was staged at the National Institutes of Health, Bethesda, Maryland. The conference included five panels to study and recommend priorities in health care and research. The panels heard public testimony on October 3 and prepared their reports for a plenary session the next day. HEW is expected to publish the reports next January.

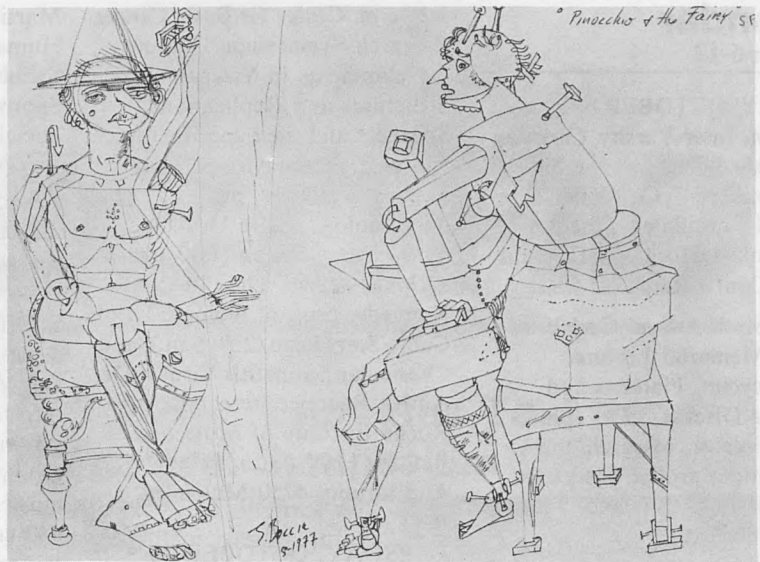
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News Briefs

A NEW PROGRAM, van pooling—the first of its kind in Missouri—has been initiated at the WU School of Medicine (WUMS) for its employees. Six vans have been purchased with a loan from the federal government through the Missouri State Highway Commission to pick up WUMS employees commuting from different areas of the St. Louis Metropolitan Area. At present two vans are operating, one from Bel-Nor to WUMS through Hanley Hills and University City, the other from Ballwin and Manchester to WUMS. There is room for several more passengers on each of these routes. Four other routes are planned from south county, south city, St. Charles and Fenton. Each van has a capacity of 11 passengers plus a coordinator-driver. For further information and to obtain an application for the van pool, call Lori Dales at 454-3065.

DURING THE LAST ACADEMIC YEAR the WU Public Relations Department began using green news tip sheets to help people in the WU community communicate with the Public Relations Department. The response has been good, but could be better. Everyone should have a convenient stack of news tip sheets on which to jot anything they feel is interesting. The news tips then should be sent to the Public Relations Department at Box 1070 where the staff decides whether the information is newsworthy. Of course, people at WU don't have to use the news tip sheet. Any piece of scrap paper would do. The idea is to keep up ongoing communication between the people in the WU community and those responsible for making sure the general public knows what's happening at WU.

THE INTERNATIONAL OFFICE is seeking volunteers who would like to spend one or two hours a week tutoring foreign students in English. Call Abbie Tom at Ext. 5904.



"Pinocchio and the Fairy," a pen and ink drawing by WU Professor of Art Edward Boccia. Boccia will discuss his art at 8 p.m. on Thurs., Oct. 5, in Steinberg Auditorium as part of the "Meet the Artist" series. Admission is \$1.50 for WU community.

Faculty Helping To Recruit Students

Eleven faculty members are participating in admissions office group meetings in 12 urban areas. The purpose of the meetings is to recruit students.

The 11 faculty members, the cities where they will speak and the dates they will speak are: Richard Walter, professor of history, Pittsburgh, Oct. 1; Robert McDowell, professor of mathematics, Cleveland, Oct. 3; Michael Friedlander, professor of physics, Baltimore, Oct. 5; Robert Salisbury, professor of political science, Washington, D.C., Oct. 12.

Johns Hopkins, professor of biology, northern New Jersey, Oct. 19; Joseph Schraibman, professor of romance languages, Westchester, N.Y., Oct. 25; Robert Sparks, professor of chemical engineering, Long Island, N.Y., Oct. 30; Edward Greenberg, professor of economics, Memphis, Nov. 2.

James Davis, acting dean of the College of Arts and Sciences, Kansas City, Nov. 6, New York City, Nov. 12, Chicago (west), Nov. 13, and Chicago (north) Nov. 14; David Kirk, associate professor of biology, Boston, Nov. 16.

Cookin'

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- 2 tablespoons Triple Sec
- 1 quart of softened lemon-custard ice cream or lemon-lime sherbert

Mix pretzel crumbs with sugar. Gradually add melted butter. Put in buttered pie plate. Combine tequila, Triple Sec and ice cream. Place over crumb mixture. Top with reserved pretzel crumbs. Freeze for at least 5 hours before serving.

(Dorothy Brockhoff)

Earth

(continued from page 6)

mic activity and explanations of techniques used in marine geology and what they are capable of interpreting will complete the exhibit.

On Wed., Oct. 18, following the tour of that day, guests will be invited to a slide-illustrated group lecture "Frontiers in Earth and Planetary Sciences at Washington University," by Professors Arvidson, Batiza, Kenneth Goettel and Geoffrey Davies. Refreshments will be served.

Following the tours at 4:15 p.m. each Friday, a film dealing with an aspect of earth and planetary science will be shown in Room 112 of Wilson Hall.

For more information, call the Earth and Planetary Sciences Department office at Ext. 5610.

(Nick Ingala)

Calendar

October 6-12

FRIDAY, OCTOBER 6

3:30 p.m. Inter-Varsity Christian Fellowship Lecture, "The New Consciousness," Os Guinness, doctoral candidate in theology, Oriel Col., Oxford U., England. Mudd Courtroom.

4 p.m. Sixth Annual Carl V. Moore Memorial Lecture, "Prostacyclin, Platelets and Vascular Disease," Dr. John Vane, director, research and development group, Wellcome Research Lab., England. Moore Aud. 4580 Scott.

4 p.m. WU School of Medicine Lecture, "Alternate-Day Complications of Renal Transplantation," Dr. Bruce A. Lucas, assoc. prof. of urologic surgery, U. of Ky., Lexington. Scarpellino Auditorium, 510 S. Kingshighway.

SATURDAY, OCTOBER 7

9 a.m. WU School of Medicine Lecture, "Alternate-Day Steroid Therapy in Renal Transplantation," Dr. Bruce A. Lucas, East Pavilion Auditorium, 4949 Barnes Hospital Plaza.

9:30 a.m. School of Continuing Education Workshop, "Medical Historian Internship," a career information workshop. 199 Cupples I. For further information, call 889-6759.

6:30 p.m. WU Woman's Club and Men's Faculty Club "University Night", dinner cruise. Tom Sawyer Riverboat. \$10 per person. Send checks, payable to the Woman's Club, to Mrs. Hardy Fuchs, 4755 Town South Rd., St. Louis, Mo., 63128. For further information, call 487-6115.

9:30 p.m. Red Rose Cotillion Dance, with the Wally Masters Orchestra. Holmes Lounge. Admission \$1 at the door.

MONDAY, OCTOBER 9

11 a.m. Department of Civil Engineering Seminar, "A Study of the Earthquake Response of a Cooling Tower," P.K. Basu, WU senior research engineer, Center for Computational Mechanics. 100 Cupples II.

12 noon. Biomedical Engineering Program Seminar, "Ultrasonic Measurements of Airflow," Michael L. McCartney, WU asst. prof. of electrical engineering. 215 Cupples II.

1:30 p.m. Center for Basic Cancer Research Symposium. "Recent Developments in Viral RNA Structures and Replications." Speakers and their specific topics will be: "Picornaviruses," Dr. Eckard Wimmers, prof. of microbiology, State U. of New York, Stony Brook (1:30 p.m.); "Alphaviruses," Dr. Ian Kennedy, prof. of biology, U. of Calif., San Diego (2:30 p.m.); and "Vesicular Stomatitis Virus," Dr. Amiya Banerjee, researcher, Roche Institute of Molecular Biology (3:50 p.m.). Erlanger Auditorium, 4750 McKinley.

TUESDAY, OCTOBER 10

4 p.m. Seventh Annual Wendell G. Scott Memorial Lecture, "Minding the Biomedical Continuum," Dr. Donald S. Fredrickson, director, National Institutes of Health. Scarpellino Auditorium, 510 S. Kingshighway.

4 p.m. Division of Biology and Biomedical Sciences Seminar, "Transformation in Yeast," Gerald R. Fink, prof. of genetics, Cornell U., Ithaca, NY. Erlanger Aud., 4750 McKinley.

8:30 p.m. School of Architecture Lecture, "Recent Work," Charles Gwathmey, New York architect. Steinberg Auditorium.

WEDNESDAY, OCTOBER 11

11 a.m. Olin Conference Lecture, "What Does Science Have to Say About Women?" Lady Jean Medawar and Sir Peter Medawar, authors of *The Life Science: Current Ideas of Biology*. Graham Chapel.

THURSDAY, OCTOBER 12

12 noon. Very Interesting Women Series, with Lady Jean Medawar, coauthor, *The Life Science: Current Ideas of Biology*. Women's Bldg. Lounge.

3 p.m. Department of Sociology Lecture, "Deviance, Degredation and Repentance in an Israel Setting," Gerald Cromer, lecturer in criminology, Bar-Ilan U., Ramat-gan, Israel. Hurst Lounge, Duncker Hall.

4 p.m. Division of Biology and Biomedical Sciences Seminar, "Synaptic Transmitters in the Retina," Dr. Berndt Ehinger, U. of Lund, Sweden. Physiology Library, 660 S. Euclid.

7 p.m. Benjamin E. Youngdahl Lecture, "Social Services for Today and Tomorrow," Arabella

Martinez, asst. secretary for Human Development, HEW. Steinberg Auditorium. Sponsored by the School of Social Work. A reception in Brown Hall Lounge will follow the lecture.

Music

SUNDAY, OCTOBER 8

8 p.m. WU Collegium Musicum and Madrigal Singers Concert, directed by James Tyler, WU visiting artist-in-residence and Orland Johnson, WU prof. of music, respectively. The program will consist of 17th-century Italian music and excerpts from Scott Joplin's opera "Treemonisha." Graham Chapel.

MONDAY, OCTOBER 9

4 p.m. Department of Music Student Recital, with performances by various students. Graham Chapel.

Exhibitions

"Washington University: Its Design and Architecture," an exhibit showing the development of the campus from the initial site planning studies of the Olmsted Brothers to the present. WU Gallery of Art, Steinberg Hall. 9 a.m.-5 p.m., Mon.-Fri.; 1-5 p.m. Sat., Sun., Oct. 1-Nov. 12.

"Pessac, Housing Project by Architect Le Corbusier, 1925," an exhibit including photographs, drawings and a model of the famous low cost housing scheme in France. Givens Hall, main level. 8 a.m.-8 p.m., Mon.-Fri. Through Oct. 21.

"Sixteen Years of Collection Building: Notable Gifts and Purchases, 1962-1978," an exhibit of rare books. Rare Books and Special Collections, Olin Library, level five. 8:30 a.m.-5 p.m., Mon.-Fri. Through Nov. 30.

"A Selection of Washington University Student Publications, 1869 to the Present," an exhibit of student-produced periodicals and scripts from early student musical comedy productions. Olin Library, level three. 8 a.m.-12 midnight, daily. Oct. 6-Nov. 11.

Department of Earth and Planetary Sciences Tours and presentations. Mon., Wed., and Fri., Oct. 7-Nov. 7, 3 p.m. Tours begin at 108 Wilson.

Performing Arts

FRIDAY, OCTOBER 6

8 p.m. Performing Arts Area Series, *Who's Afraid of Virginia Woolf?* by Edward Albee. Herbert Metz, WU assoc. prof. of drama, will direct an all-WU alumni cast. Edison Theatre. Admission \$3; \$2 for WU faculty, staff and area students. Tickets available at Edison Theatre Box Office. (Also Sat., Oct. 7, 8 p.m.; Sun., Oct. 8, 2:30 p.m.; Wed., Oct. 11, 8 p.m.; Fri., Oct. 13, 8 p.m.; and Sat., Oct. 14, 8 p.m., all in Edison Theatre.)

Films

FRIDAY, OCTOBER 6

7:30 and 9:30 p.m. WU Filmboard Series, "Annie Hall." Brown Hall Theatre. Admission \$1.50. (Also Sat., Oct. 7, same times, Brown; and Sun., Oct. 8, 8 p.m., Wohl Center.)

12 midnight. WU Filmboard Series, "King of Hearts." Brown Hall Theatre. Admission \$1. (Also Sat., Oct. 7, midnight, Brown.)

SATURDAY, OCTOBER 7

8 p.m. Office of Student Activities American Cinema Series, "Imitation of Life" and "Make Way for Tomorrow." Rebstock Auditorium. Admission \$1.50.

MONDAY, OCTOBER 9

7:30 p.m. WU Filmboard Double Feature, "Rebel Without a Cause" and "East of Eden" (9:30 p.m.). Brown Hall Theatre. Admission \$1.50 for either or both films. (Also Tues., Oct. 10, same times, Brown.)

WEDNESDAY, OCTOBER 11

5:30 p.m. Fall Arts Film Festival, An Evening of Computer Graffiti: six films. Wohl Center Formal Lounge.)

7:30 and 9:15 p.m. WU Filmboard Series, "Rashomon." Brown Hall Theatre. Admission \$1.50. (Also Thurs., Oct. 12, same times, Brown.)

Sports

SATURDAY, OCTOBER 7

2 p.m. Soccer, WU vs. Central Methodist College. Francis Field.

2 p.m. Sigma Nu Relays. WU Soccer Field.

THURSDAY, OCTOBER 12

4 p.m. Women's Tennis, WU vs. Maryville College. WU Tennis Courts.